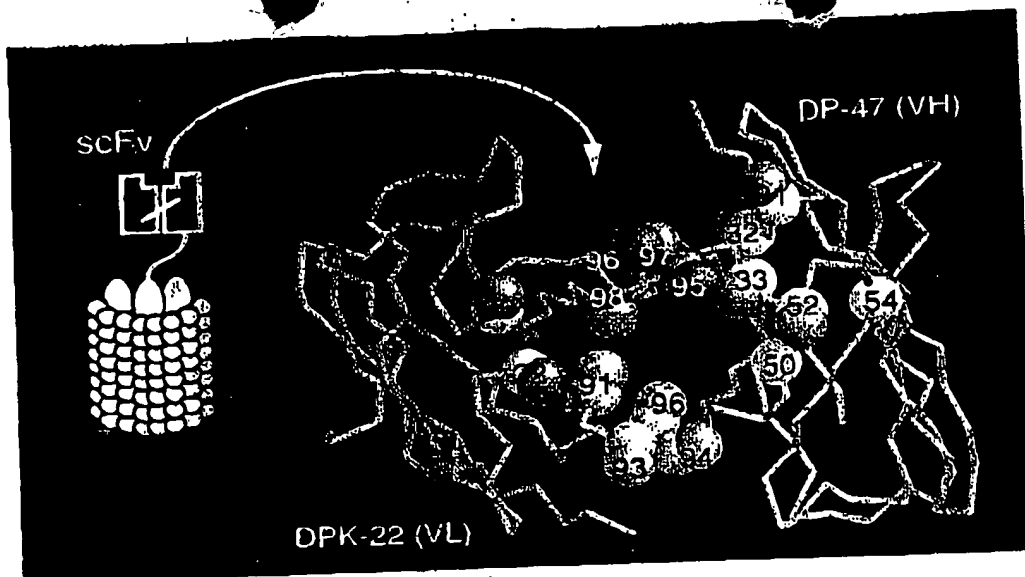
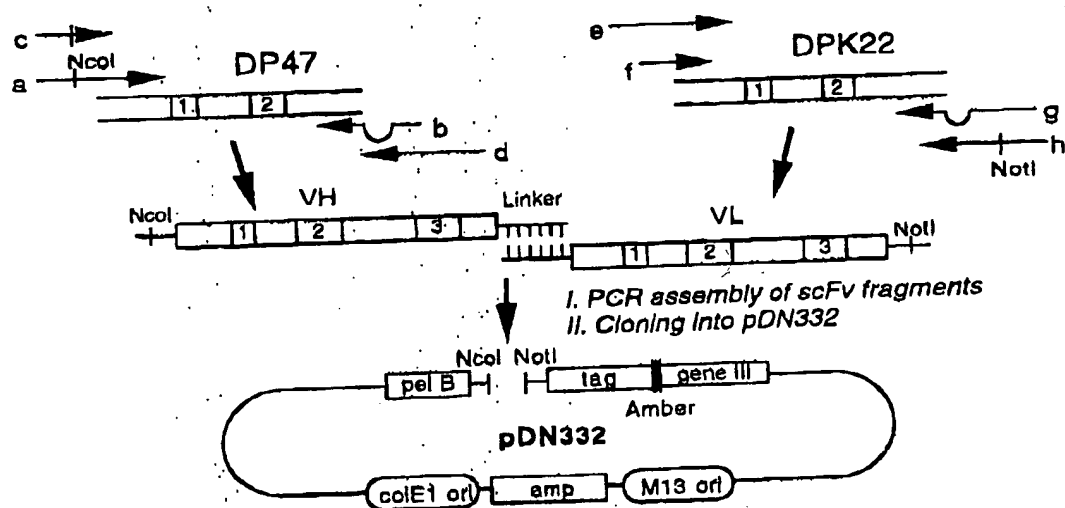


A)



B)



VH primers:

a

DP47baNco

b

CDR3for

c

VHpul1th

d

Jassm

VL primers:

e

DPK22assm

f

DPK3for

g

Jsfornot

h

pul1th

GCG GCC CAG CAT GCC ATG GCC GAG GTG CAG CTG TTG GAG TCT GGG  
GGT TCC CTG GCC CCA GTA GTC AAA MNN MNN MNN MNN TTT CGC ACA GTA  
ATA TAC G  
GCG GCC CAG CAT GCC ATG GCC GAG  
CCC GCT ACC GCC ACT GGA CCC ATC GCC ACT CGA GAC GGT GAC CAG GGT  
TCC CTG GOC CCA GTA GTC

GAT GGG TCC AGT GGC GGT AGC GGG GGC GCG TCG ACT GGC GAA ATT GTG  
TTG ACG CAG TCT CC  
CAC CTT GGT CCG TTG GCC GAA CGT MNN CGG MNN MNN ACC MNN CTG CTG  
ACA GTA ATA CAC TGC  
GAG TCA TTC TCG ACT TGC GGC CGC TTT GAT TTC CAC CTT GGT CCC TTG GCC  
GAA CG  
GAT GGG TCC AGT GGC GGT AGC GGG

Figure 1

IPG (non-linear gradient (pH))

3.5

200 10

MW  
(kDa)

10

Figure 2A

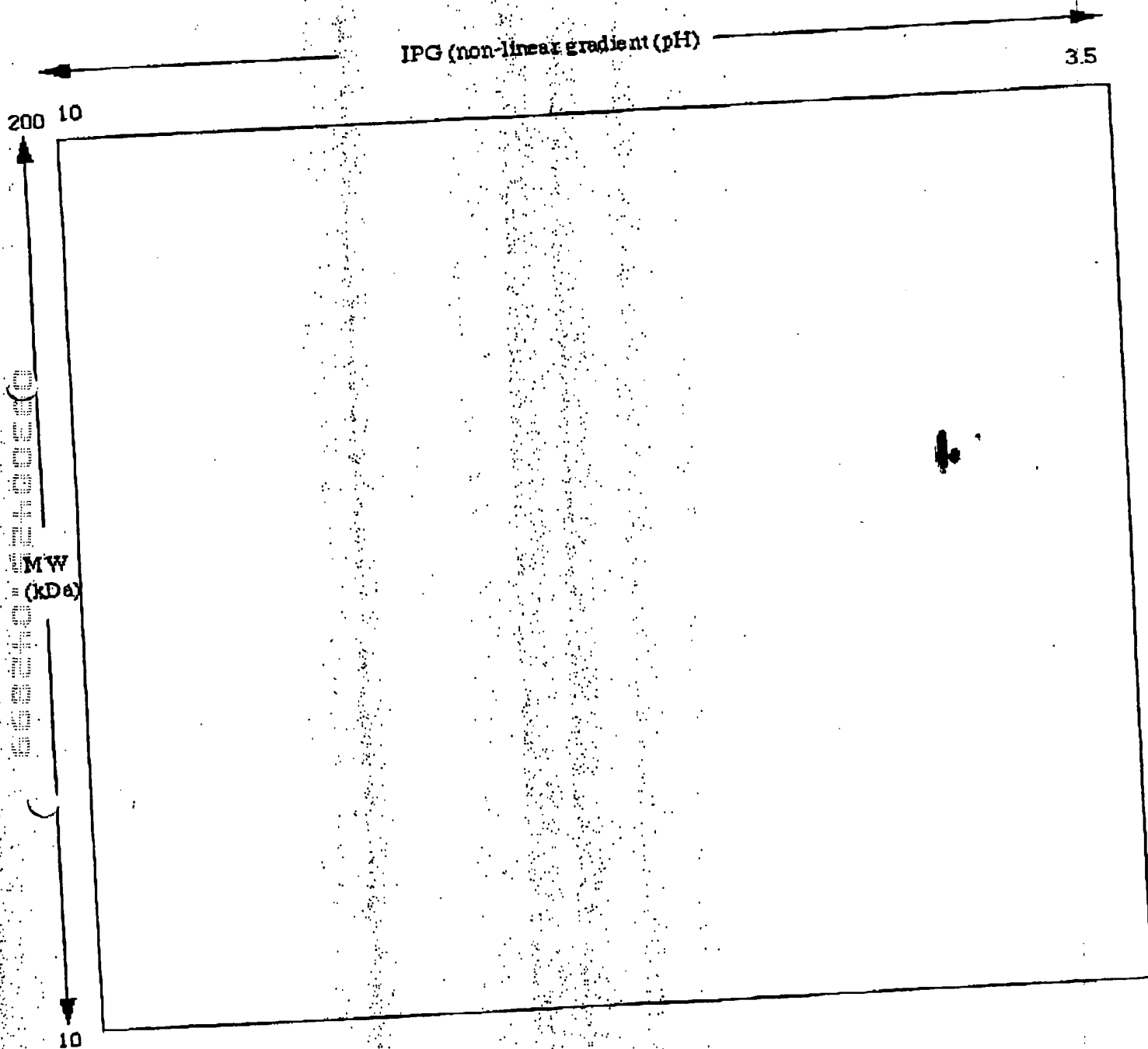


Figure 2B

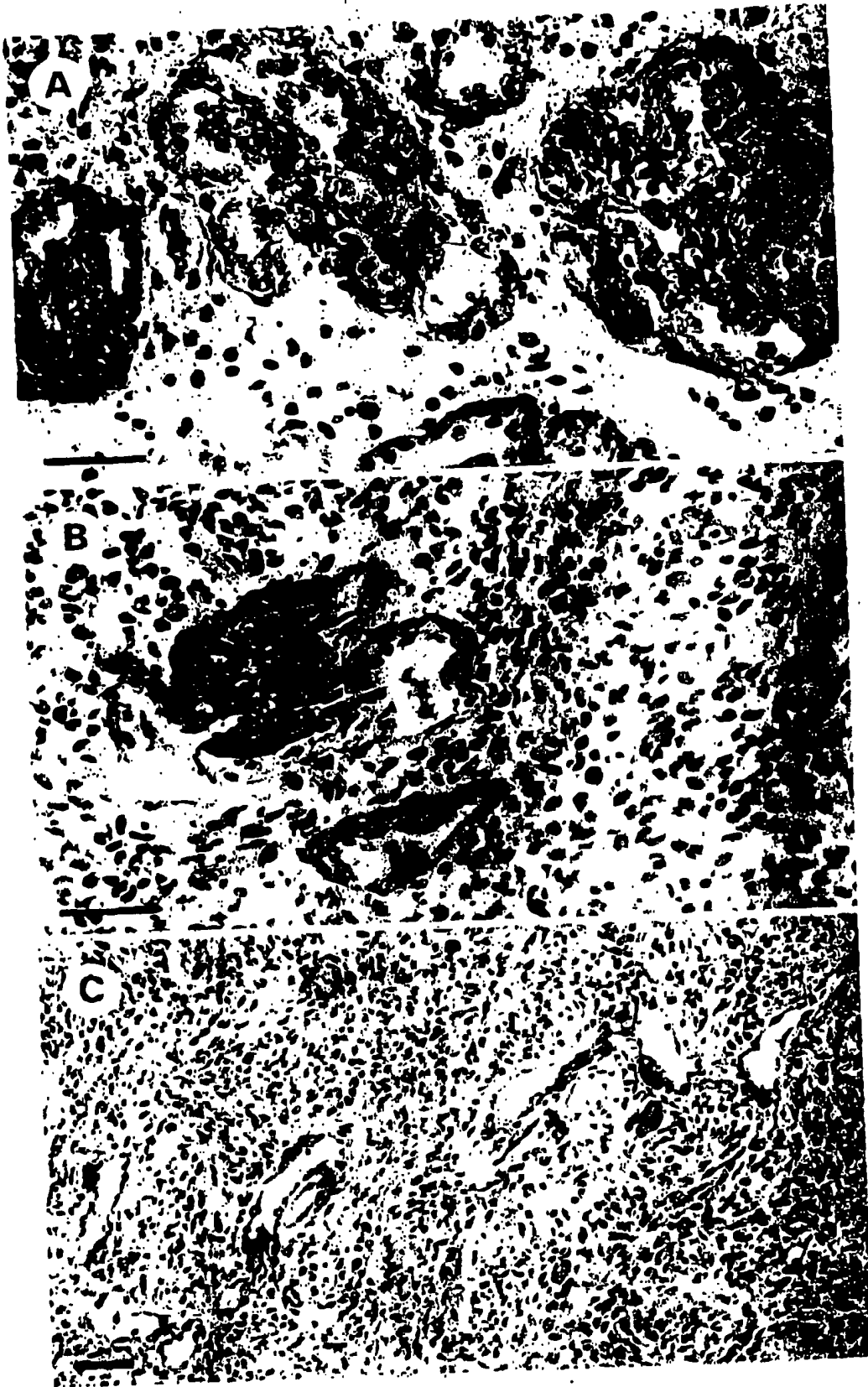


Figure 3

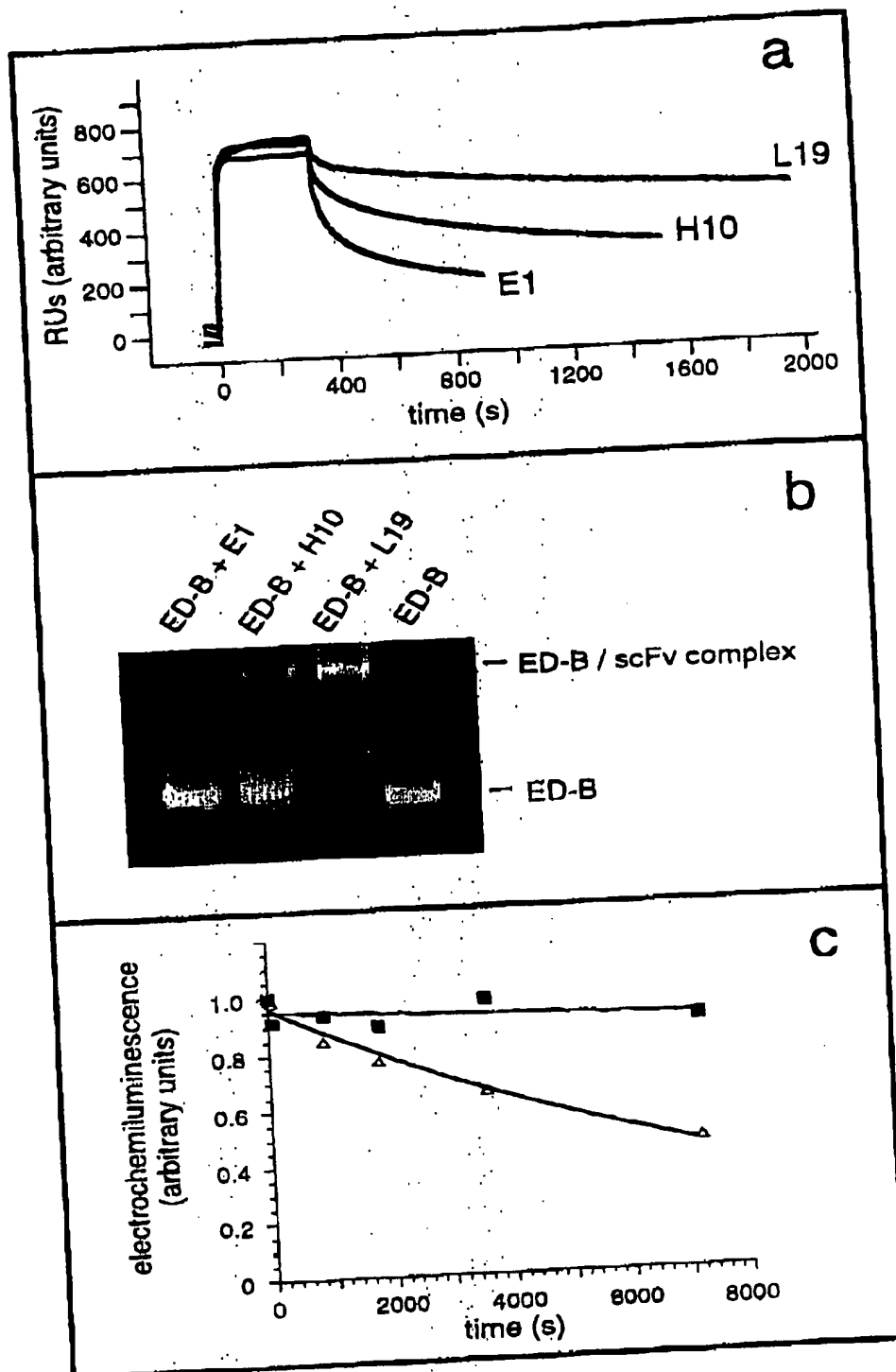
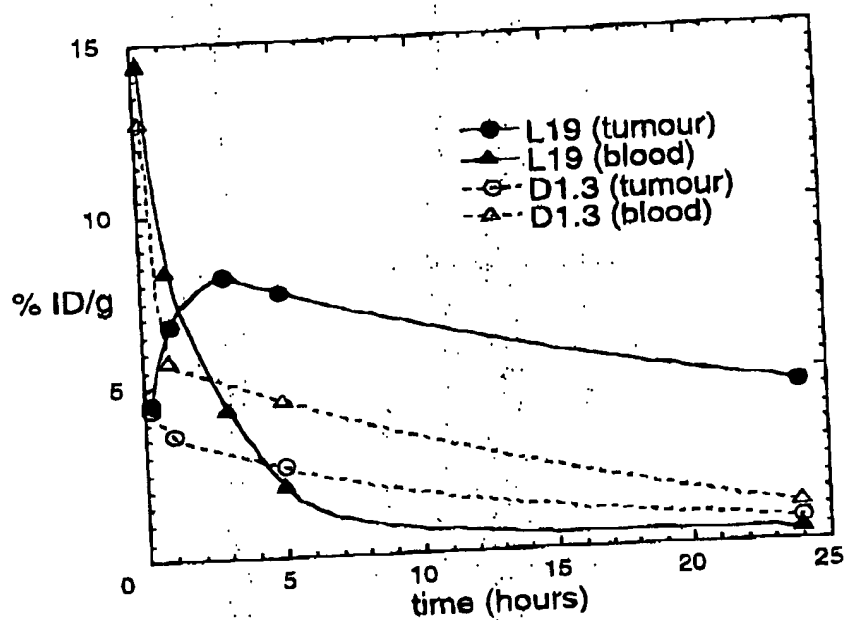


Figure 4



%ID/g time (h)	scFv (L19)							scFv (D1.3)	
	Kidney	Spleen	Lung	Liver	Brain	Blood	Tumor	Blood	Tumor
0.25	26.4 ± 4.7	5.4 ± 0.4	15.1 ± 5.1	5.7 ± 0.5	0.4 ± 0.04	14.4 ± 2.6	4.6 ± 1.0	12.7 ± 0.1	4.4 ± 0.4
1	19.2 ± 3.9	3.8 ± 0.3	9.8 ± 0.9	2.8 ± 0.3	0.3 ± 0.1	8.3 ± 0.9	6.9 ± 2.4	—	3.6 ± 1.0
3	8.1 ± 1.6	2.0 ± 0.3	5.0 ± 1.4	1.7 ± 0.02	0.2 ± 0.01	4.8 ± 0.3	8.2 ± 4.2	4.6 ± 1.2	2.6 ± 1.5
5	4.2 ± 1.1	1.8 ± 0.2	3.5 ± 0.2	1.3 ± 0.3	0.1 ± 0.02	2.0 ± 1.8	7.7 ± 2.5	1.1 ± 0.5	0.7 ± 0.4
24	0.7 ± 0.1	0.4 ± 0.1	1.0 ± 0.1	0.2 ± 0.04	0.02 ± 0.01	0.4 ± 0.1	4.7 ± 0.6	—	—

Figure 5

VH

EVQLLES GGG  
SFSMSWVRQA  
ADSVKGRFTI  
TAVYYCAKPF

LVQPGGSLRL  
PGKGLEWVSS  
SRDNSKNTLY  
PYFDYWGQGT

SCAASGFTFS  
ISGSSGTTY  
LQMNSLRAED  
LVTVSS

linker

GDGSSGGSGGASTG

VL

EIVLTQSPGT  
SSYLAWYQQK  
DRFSGSGSGT  
QTGRIPPTFG

LSLSPGERAT  
PGQAPRLLIY  
DFTLTISRLE  
QGTKVEIK

LSCRASQSVS  
YASSRATGIP  
PEDFAVYYCQ

Figure 6: Amino acid sequence of antibody L19



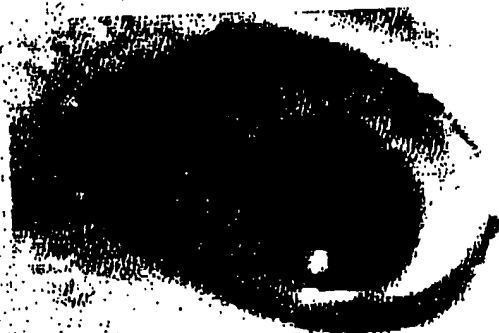
day 9 / rabbit 1 / left / nC



day 9 / rabbit 1 / right / VEGF high



day 9 / rabbit 2 / left / PMA



day 9 / rabbit 2 / left / VEGF low



day 9 / rabbit 3 / left / VEGF high



day 9 / rabbit 3 / right / PMA



day 9 / rabbit 4 / left / PMA



day 9 / rabbit 4 / right / nC





Figure 8

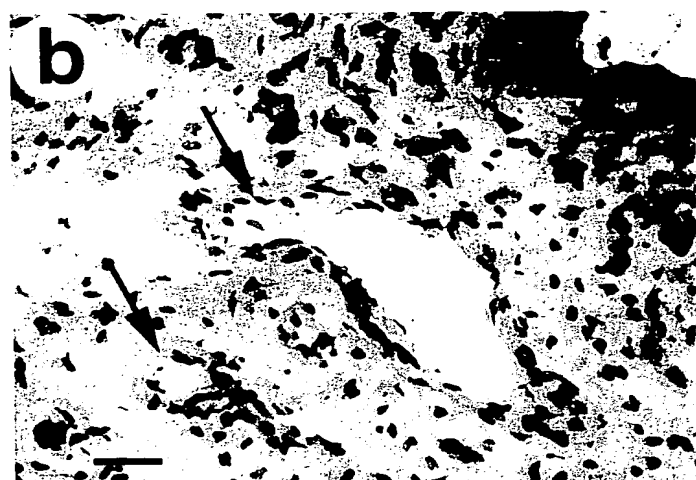
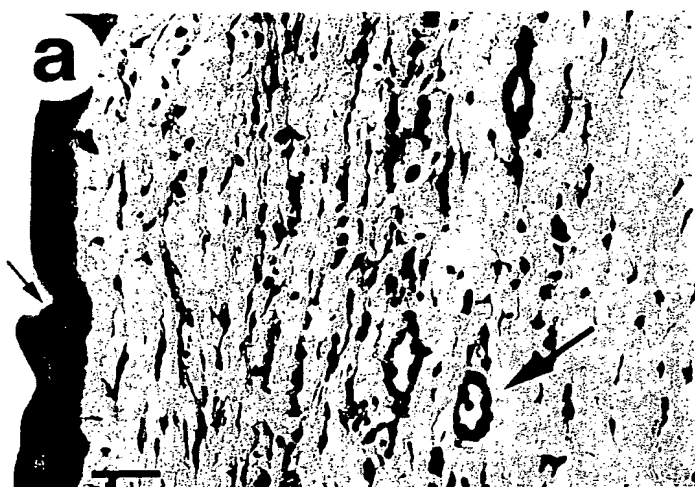


FIG. 9

0330433.04299  
66240" 54400660

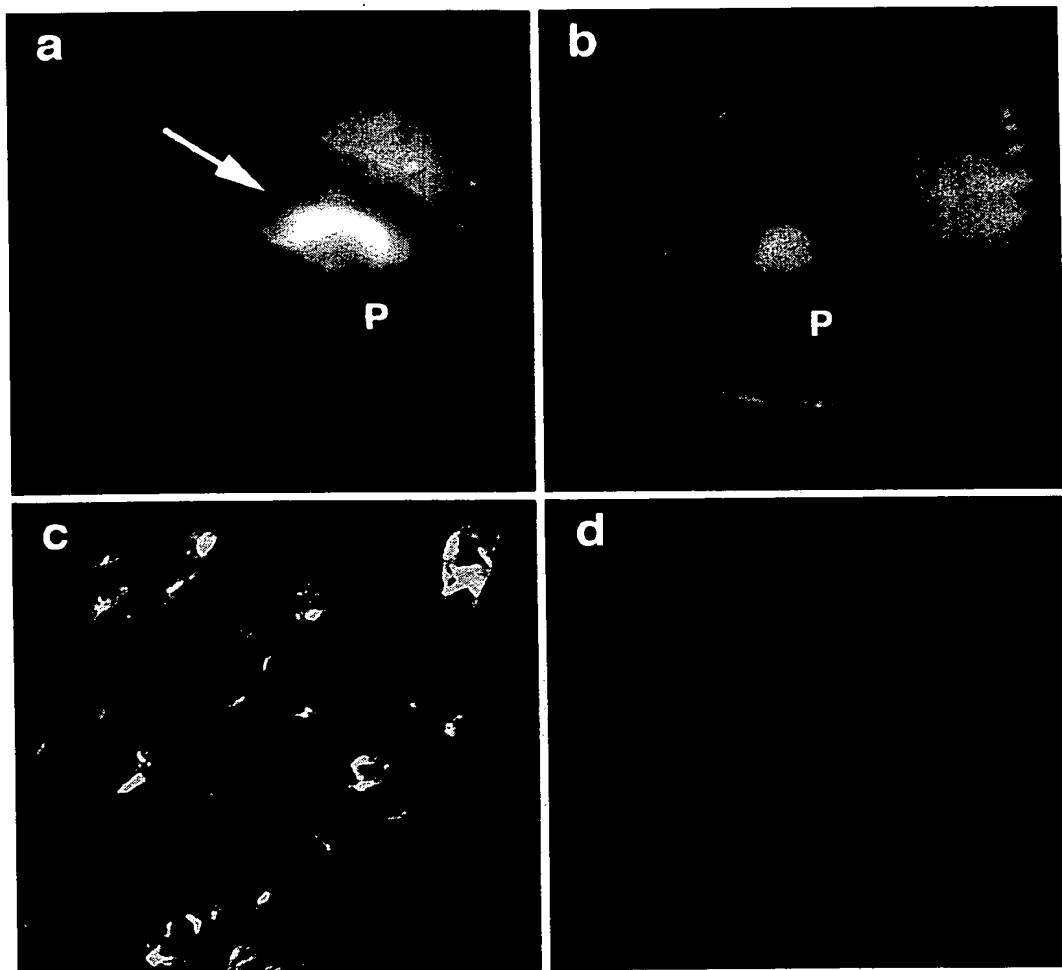


FIG. 10

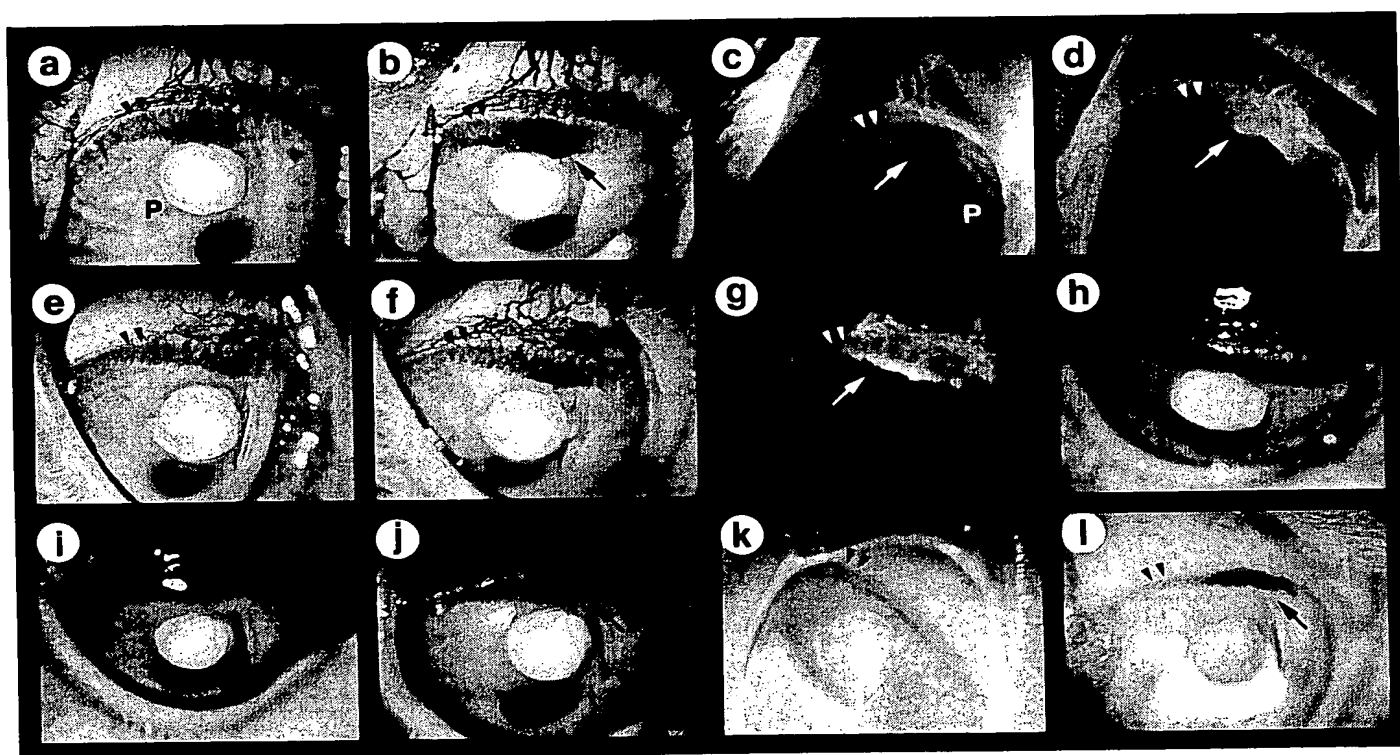


FIG. 11

